2013 NRC RIC Are You Prepared for HAB Exercise? March 13, 2013



Kevin C. Leuer Director, Preparedness Branch







Minnesota HAB Planning ASEMIT

What is the initial emergency?

- Attack on the plant?
- Radiological emergency?

Our planning basis is that it is a hostile event and not a REP emergency until control of the facility is lost and a threat of a release.





MN Planning Process... *HSEME



- Developed:
 - HAB Considerations Fact Sheet
 - HAB Resources Fact Sheet
- Created Program Manual HAB reference document (planning guide criteria)





Process...



- Conducted a gap analysis of HAB response activities
 - Integration of a Command Post into the response
 - Identification of staging areas
 - Tactical law enforcement response verses radiological emergency
 - Initial response versus a take-back response
 - Prompt access and communications issues



Process...



- Developed and validated planning assumptions
 - Base REP plan would be maintained
 - Initial public information would come from the JIC
 - Command Post would be responsible for on-site and near-site coordination
 - EOCs would coordinate off-site response
 - REP Protective Action Decisions from SEOC



Process...



- Constructed a matrix of:
- Response resources
- Response times
- Personnel
- Equipment
- Included local, state and federal asset
- Snap shot of what is available and when

Site Area Emergency (SAE) HAB Response - Personnel

(Rev. 7/24/12/2012)

Deployment time:		0-10 mins	30 mins	1 hour	2 hours	4-6 hours	8-12 hours	24 hours
Police Department	Response							
Mobile Command	Tactical							
(max. # required) (2 mile # required)	TACPs							
(21 required)	Schools							
Sheriff's Office	Response							
Mobile Command	Tactical							
(max.# required) (2 mile # required)	TACPs							
(9 required)	Schools							
State Patrol (# required) (2 mile # required)	TACPS							
	Special Response Team							
	Mobile Field Force							
	Rapid Response Team							
Military Affairs	Quick Reaction Forces							
	CERFP/CBRNE							
	Civil Support Team							
Dept. Natural Resources	TACP							
FBI	Tactical							
	Federal							
Total: (max. # required)								

4

Monthly HAB Planning Meetings



- Groups involved:
 - Homeland Security Emergency Management
 - Xcel Energy, Security and Emergency Planning
 - County Sheriffs / Local Law Enforcement
 - County Emergency Management
 - Fire Department
 - Emergency Medical Services
 - National Guard
 - Department of Homeland Security
 - Federal Bureau of Investigation





HAB Challenges



- Command post Staffing
 - Sheriff, Local police, State Patrol, FBI
 - EMS, Fire
 - Plant Security liaison
 - Plant Operations liaison
 - Plant Radiation Protection
 - PIO and Homeland Security liaison





HAB Challenges



- Command post Communications
 - County EOC
 - State EOC
 - Plant TSC or EOF
 - Alternate TSC or EOF
 - During duck and cover



10



HAB Challenges



- Prompt access to site
- During lock down.
 - Vehicle barrier systems in place.
 - Loss of outer guard office
 - Protection of law enforcement while gaining access to the site.





HAB Challenges



- Neutralizing the threat
- Containment of hostile forces
 - Role of on-site security
 - Role of law enforcement
 - Protection of on-site workforce.
 - Who determines an "all clear" on the site?

/		1	4	
L	X	1	١	
			V	
4				

12



HAB Challenges



- Protection and release of the workforce
 - Search of all buildings
 - Safe movement of workers
 - Evacuation and containment of workforce
 - Interview of workforce
 - Prioritizing the release of critical workers



13

4

HAB Challenges



- Determine just-in-time training capability for non-traditional responders
- Locations and accessibility of additional dosimetry, KI and TLD's





14



HAB Considerations



- Need agreement on initial pre-determined protective actions for HAB incidents
- Consensus reached for Monticello:
 - Establish the 2-mile TACPs at a SAE declaration
 - Evacuate 2-mile area and 5 miles downwind
- Prairie Island HAB incident may be to shelter 2-mile and evacuate downwind out to 5 miles

15



HAB Planning



- Integration of on and off-site response activities.
- Validate staffing of assigned tasks.
- Coordinate response actions
- Air attack planning is very different.



16



Minnesota HAB Planning

Kevin C. Leuer Director, Preparedness Branch

kevin.leuer@state.mn.us



